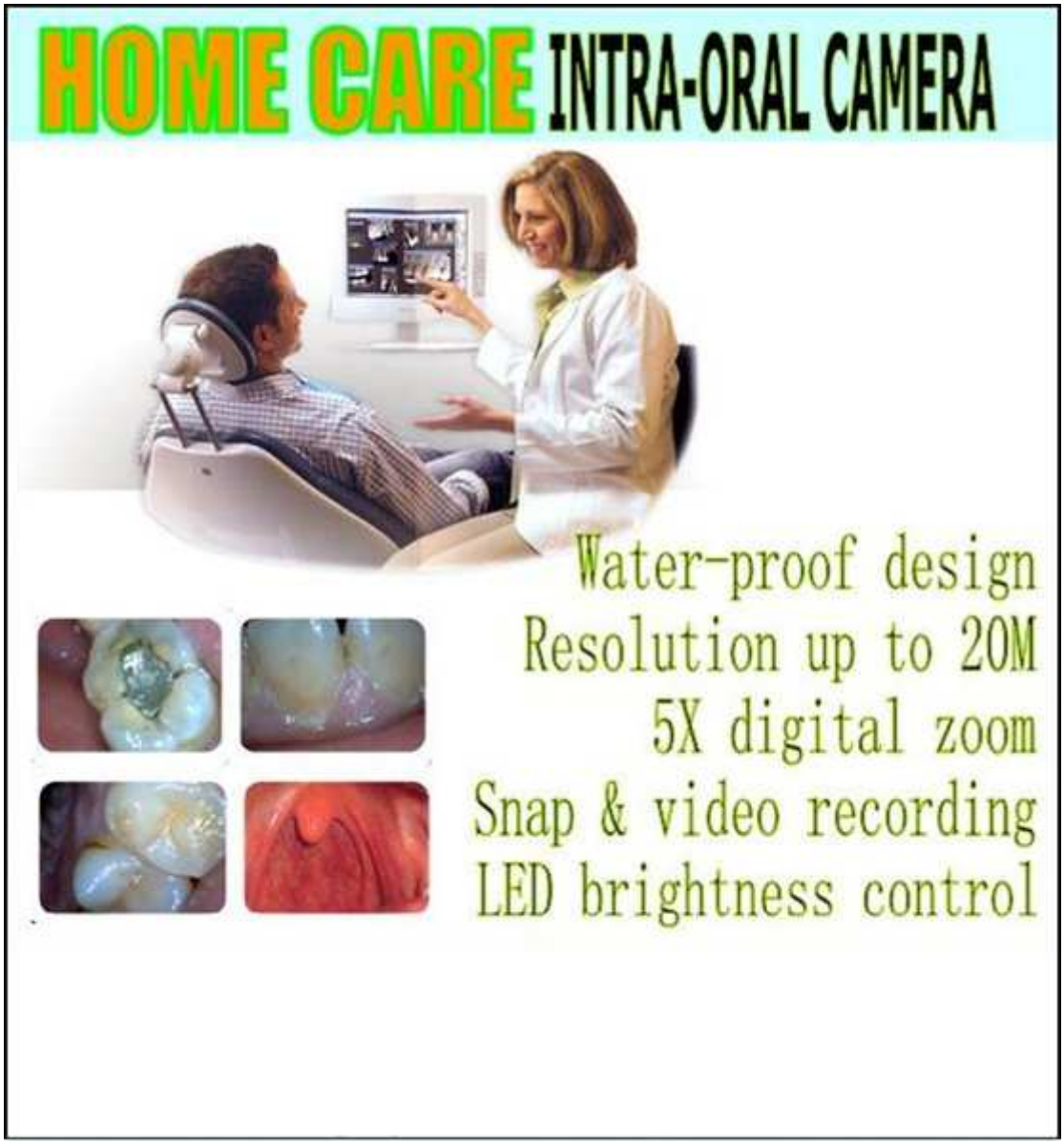
Intra-oral Camera
User's Manual

Thanks for having this home care intra-oral camera! This product is a PC solution device and so friendly in user interface. It can help users taking still photo, recording live-view video and simple pre-view.



CONTENTS

Specification----------3

Notes before use----------3

Product description----------4

How to install system----------5

Driver Free Mode----------5

Enhanced mode (need driver)----------7

A. **Process of driver installation**----------7

B. **Description of driver** ----------11

How to un-install this software----------19

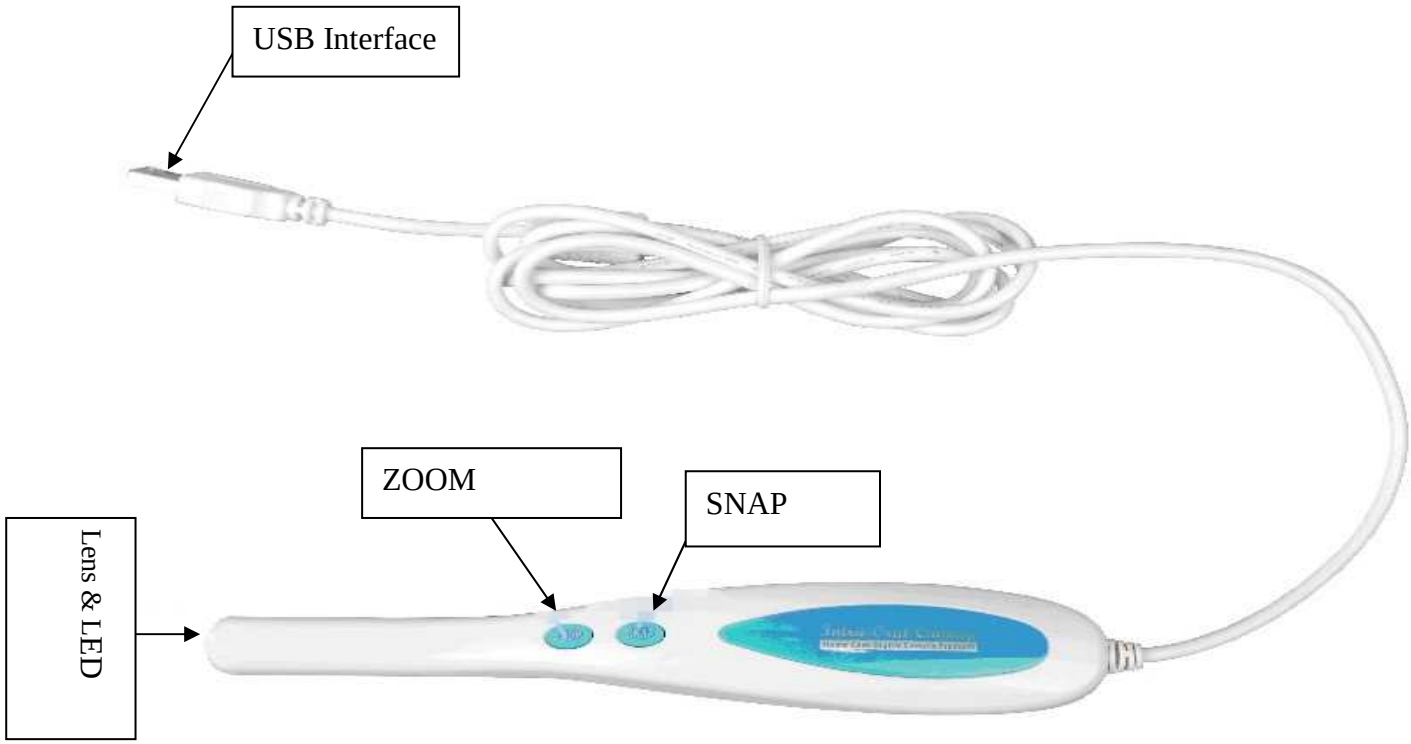
Specification

Image Sensor	Color CMOS Sensor
Controller	High Speed DSP(Driver Free available)
Lens	Lens , M7
Focus Range	10mm ~ 30mm(Fixed Focus)
Snap Shot	Software and Hardware
Digital Zoom	5X Sequence Mode
Video Capture Resolution	0.3M
Light Source	In-built White Light LED x4
Frame Rate	30 f/s Under 600 LUX Brightness (1.3M)
Brightness Control	Manual adjustment , Auto W/B by software
Magnification Ratio	2X ~ 6X (Auto)
Power Supply	USB Port (5V DC)
Interface	USB 2.0
Operation System	Win XP , Vista , Win 7 32 bit and 64 bit.
Driver Language	English, Chinese, German, Italy, Spain, Portugal, Japan
System Requirement	Pentium Computer with 700M Hz & Above , 20M HD Space CD ROM Driver, 64MB RAM , Direct X VGA Card
CD disk	Driver
Dimension	202 mm (L) X 35 mm (R)

Notes before use : IMPORTANT !

1. Avoid touching lens and LED area to keep optical system clean.
2. Do not try to de-assembly the intra-oral camera , it might cause Damage and disable water-proof function.
3. Keep apart from wet especially metal parts.

Product Description



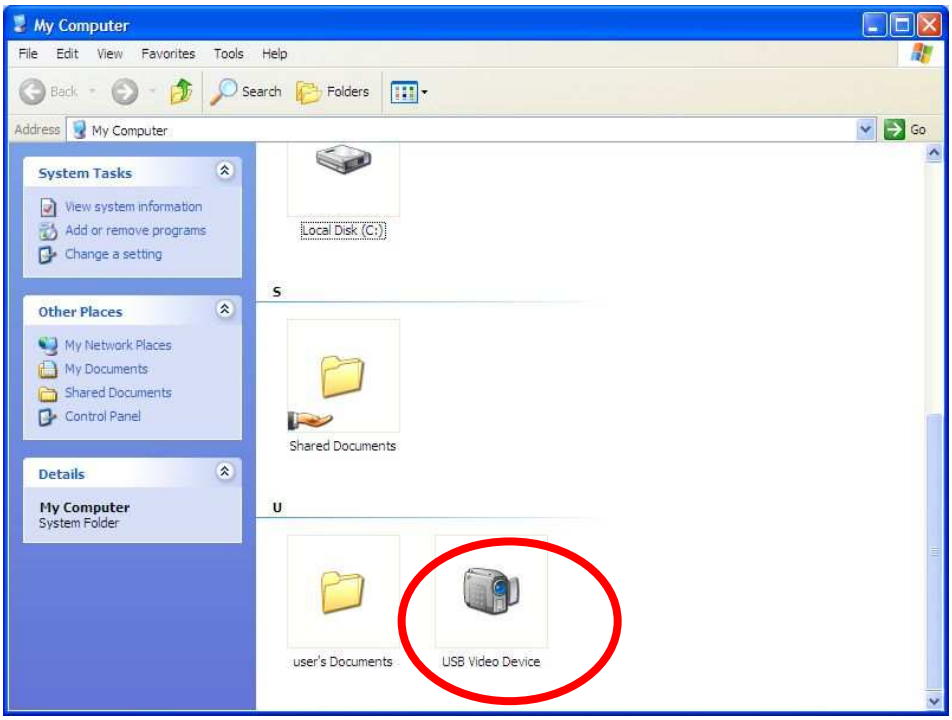
How to use this intra-oral camera

Driver free mode（Plug & play）

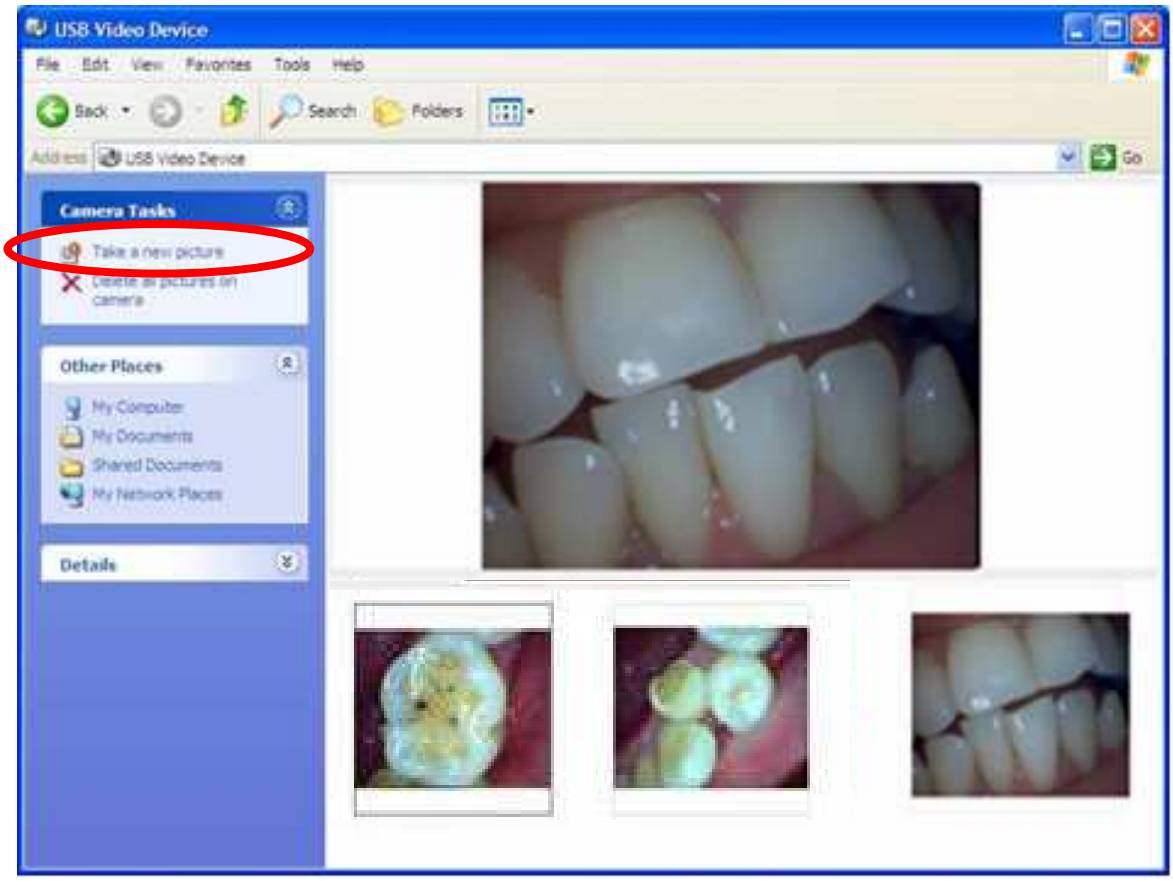
NOTE :If your OS is VISTA or WIN 7 standard version, it is important for you to make sure the pre-view program “Micro-Measure Camera “ is ready before run “ Driver Free” function. We prepare it also inside our CD ROM , You can install the driver and get it ready before use.

1. Plug-in the USB port of Intra-Oral Camera into Computer USB port.

2. Find USB Video item in “ My Computer “.



3.Take pictures

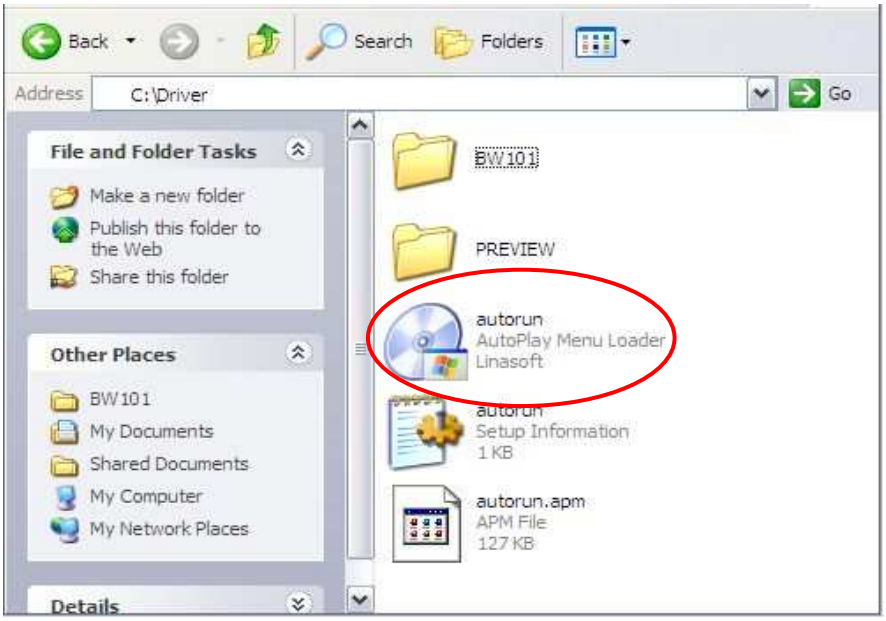


Enhanced Mode (Driver need)

A. Process of software installation

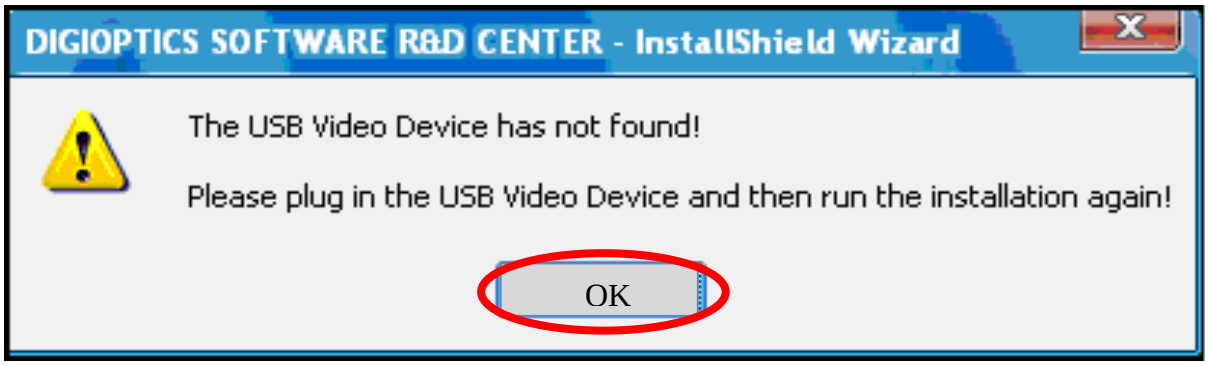
(1) Insert CD ROM, system will auto come out the interface as bellowing：

NOTE：If auto run takes times or unable : Please open the file of CD ROM & run“Autorun.exe”

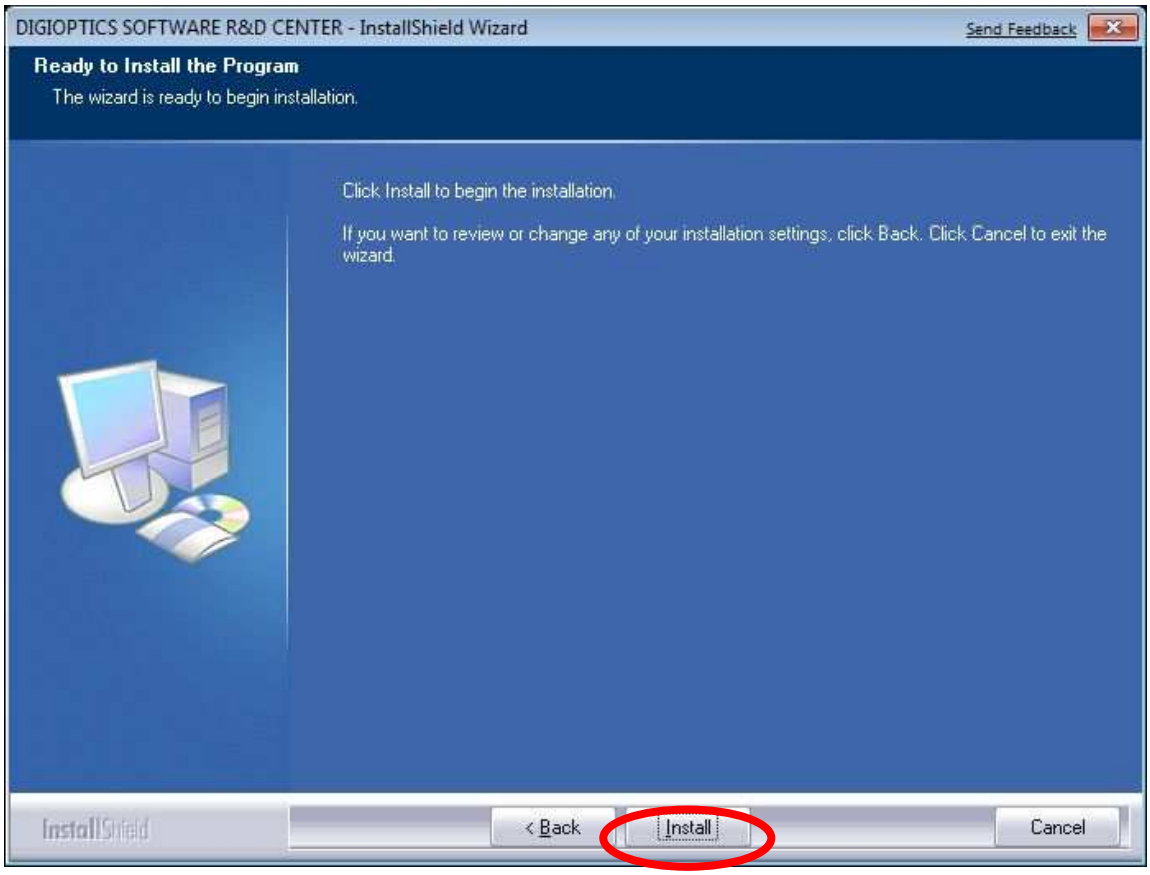


(2) Click “INSTALL” to start installation

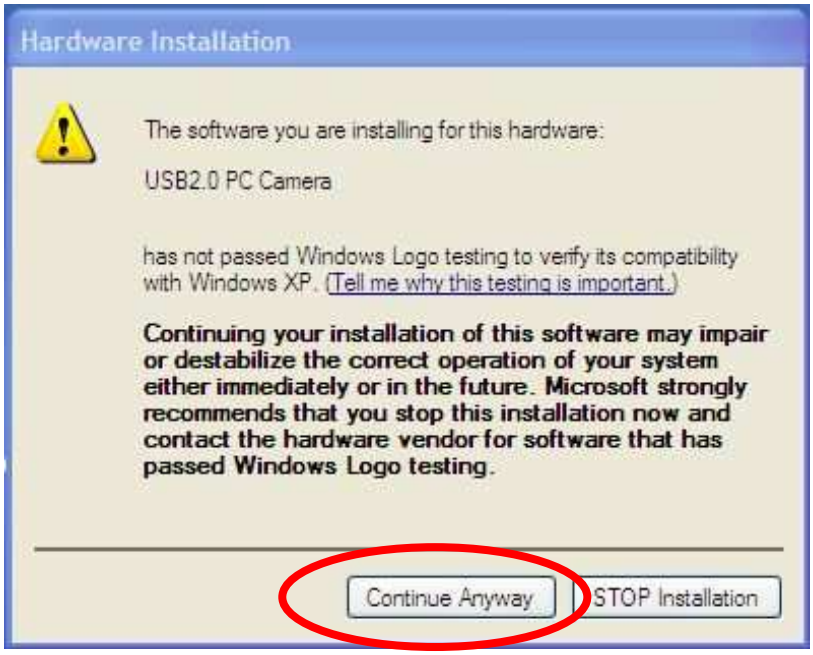
NOTE：System will remind you to plug in the USB port of Intra-oral camera by below wizard。If you forget to connect the USB port.


DIGIOPTICS SOFTWARE R&D CENTER - InstallShield Wizard
The USB Video Device has not found!
Please plug in the USB Video Device and then run the installation again!
OK

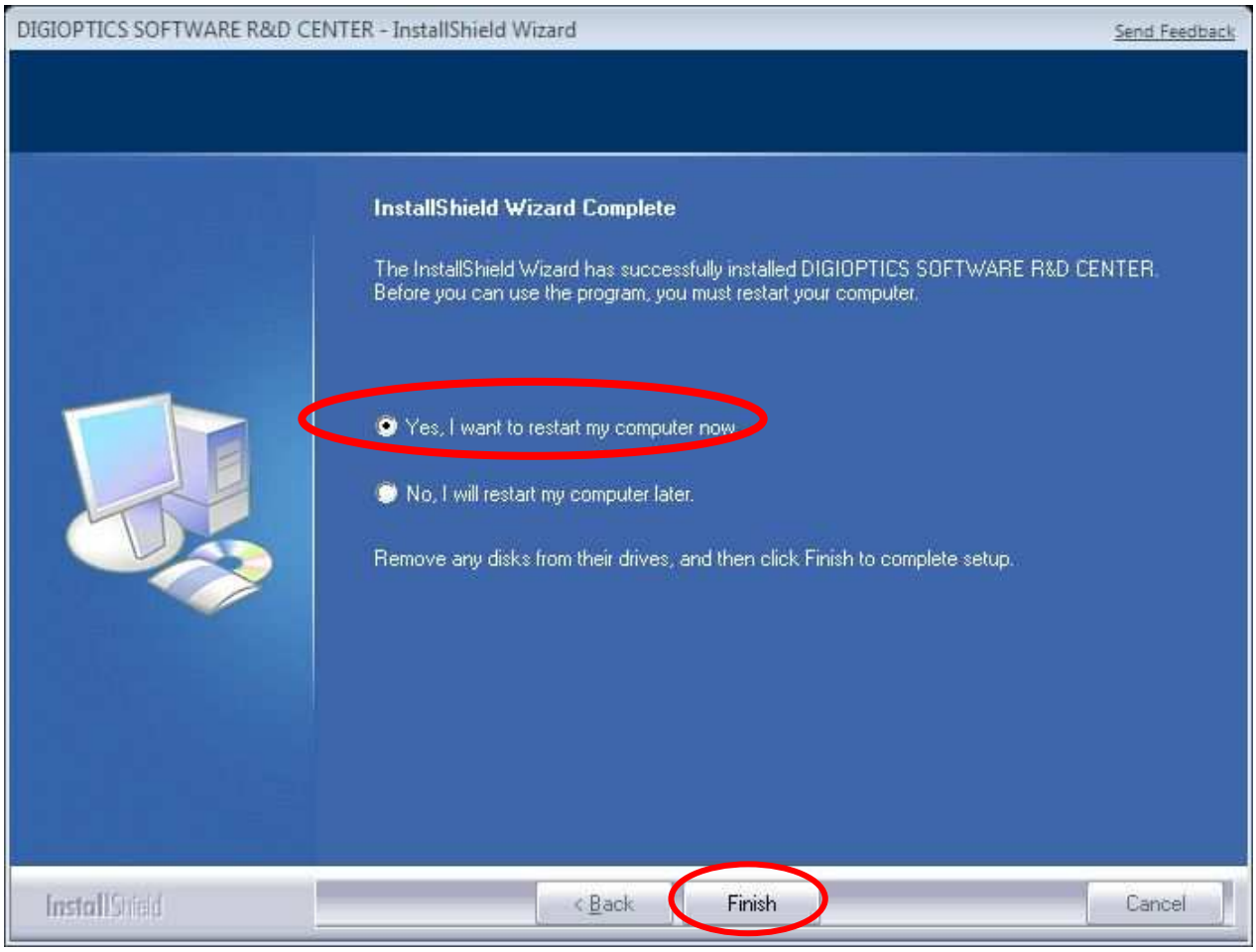
（3）Follow the indicators and select “next” & “Install” to complete this process.


DIGIOPTICS SOFTWARE R&D CENTER - InstallShield Wizard
Send Feedback
Ready to Install the Program
The wizard is ready to begin installation.
Click Install to begin the installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
InstallShield
< Back
Install
Cancel

NOTE： Appear interface below, Click ”Continue Anyway”

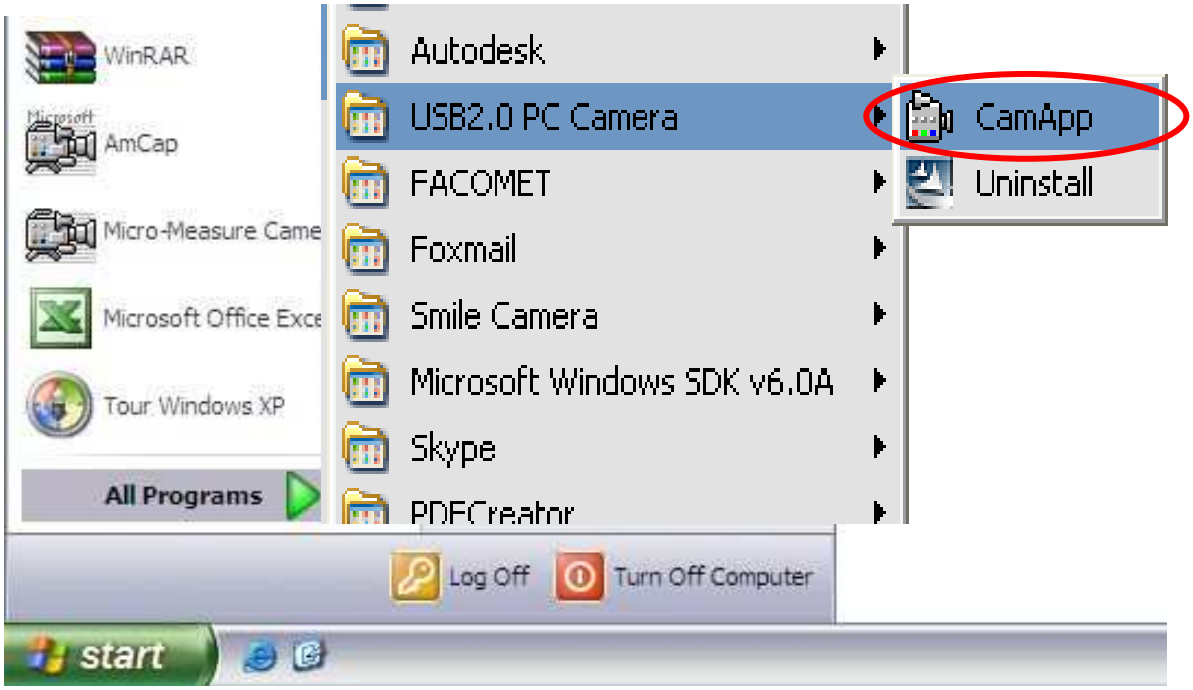

Hardware Installation
The software you are installing for this hardware:
USB2.0 PC Camera
has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
Continue Anyway
STOP Installation

（4）Following the user guide by steps, and completed by click “Finish“.Computer will restart and get ready .


DIGIOPTICS SOFTWARE R&D CENTER - InstallShield Wizard
Send Feedback
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed DIGIOPTICS SOFTWARE R&D CENTER. Before you can use the program, you must restart your computer.
Yes, I want to restart my computer now.
No, I will restart my computer later.
Remove any disks from their drives, and then click Finish to complete setup.
InstallShield
< Back
Finish
Cancel

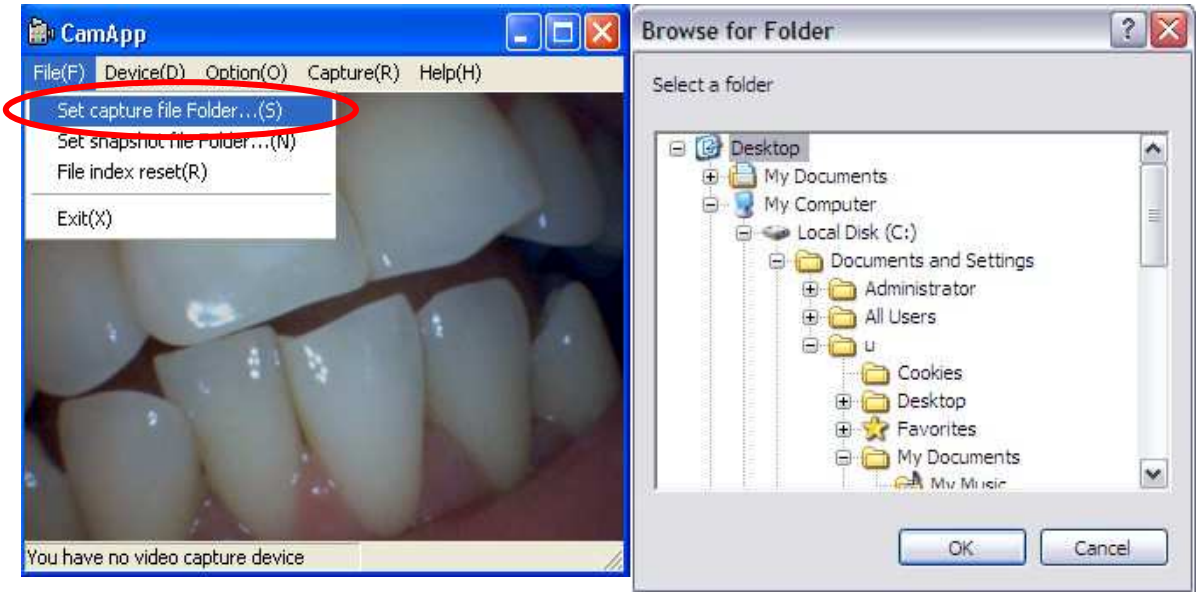
B. Description Of driver

1. Direct Click CamApp icon on desk top of computer, or following the selections as followings :



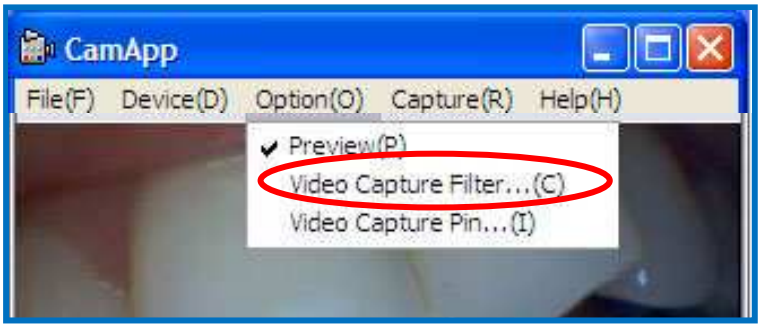
2. How to save the recording file

Click ”File”—> “Set capture file Folder…”, The save file could be assign.

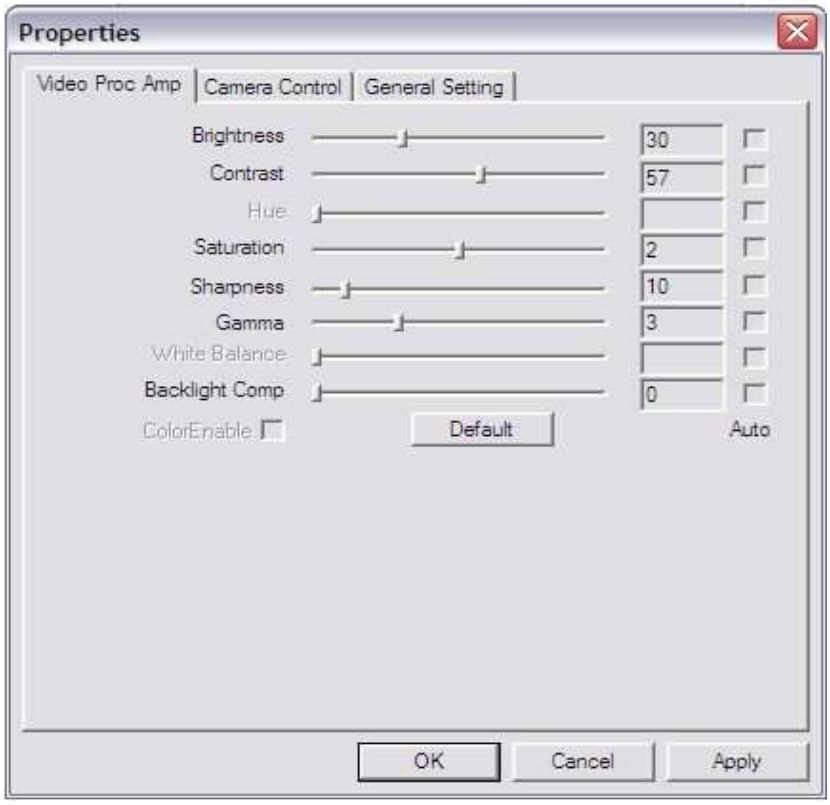


3. Options

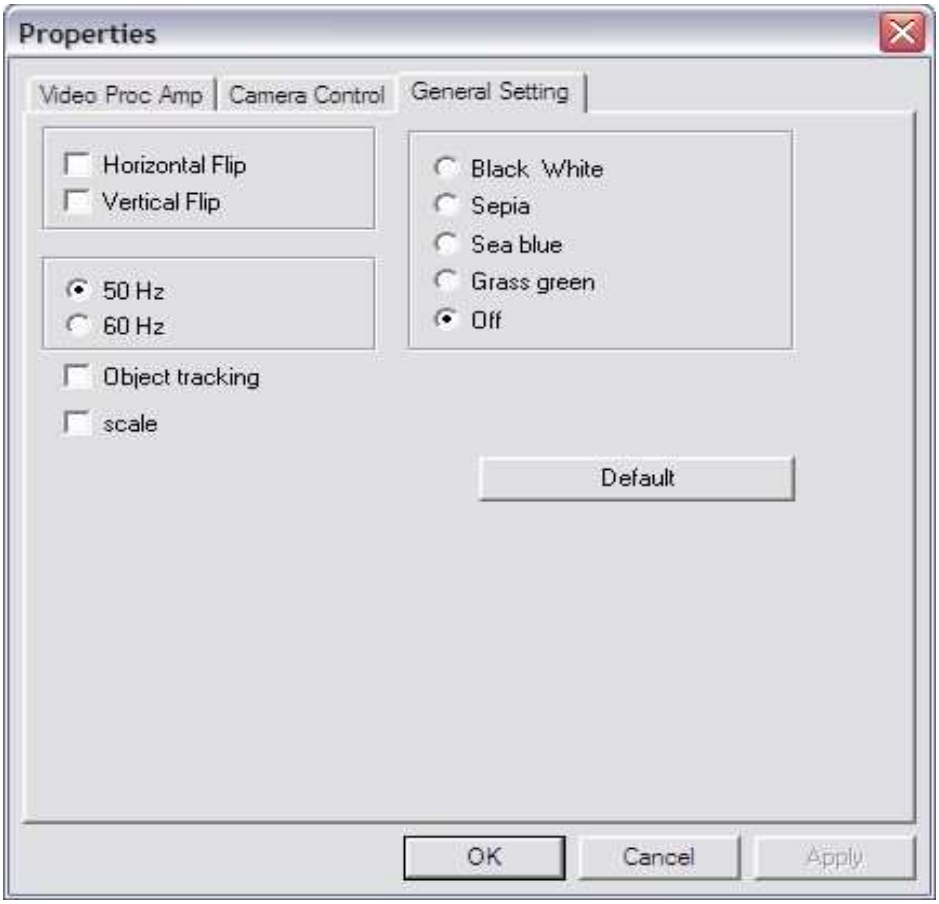
（1） Click“Option”—>“Video Capture filter…”



（2） Find sheet “General Setting” can fine tune the parameters of image.



（3） Click “General Setting ”



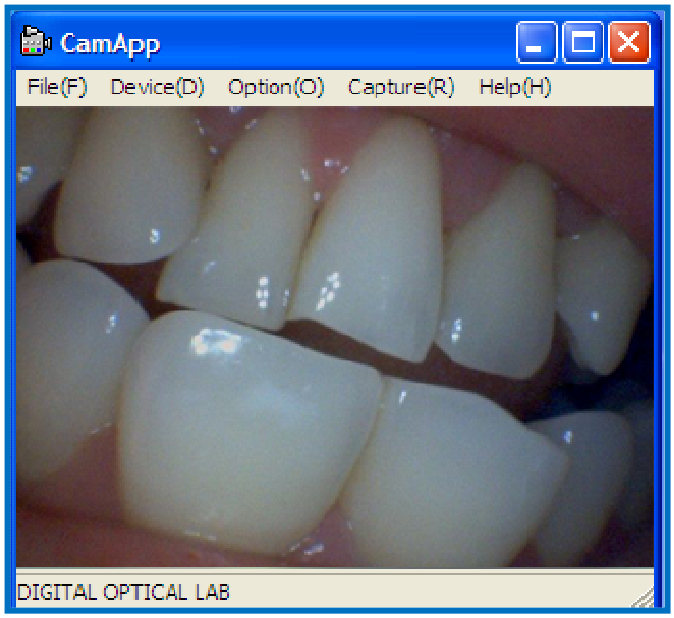
A. Click “Horizontal Flip”

Original

Horizontal Flip

B. Click “Vertical Flip”

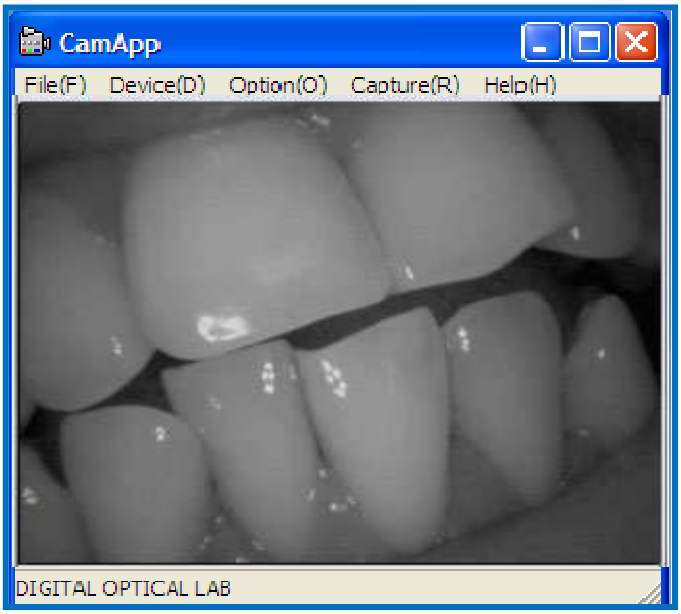
Original



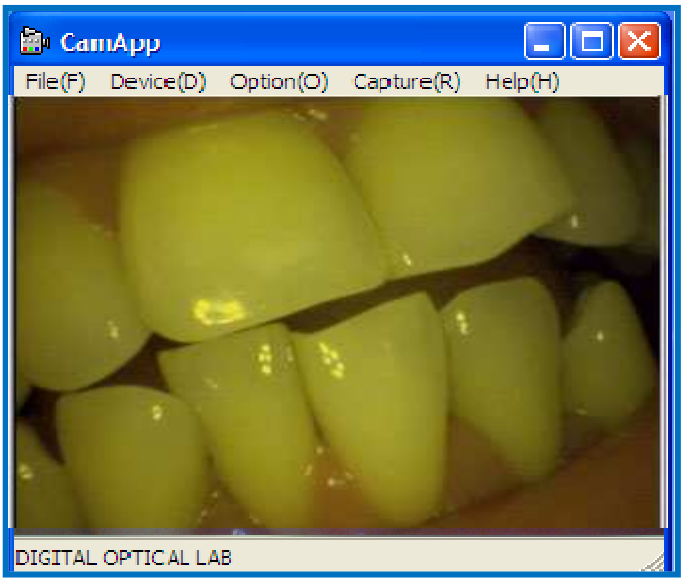
Vertical Flip

C. Color Filter (Black White，Sepia，Sea blue，Grass green)

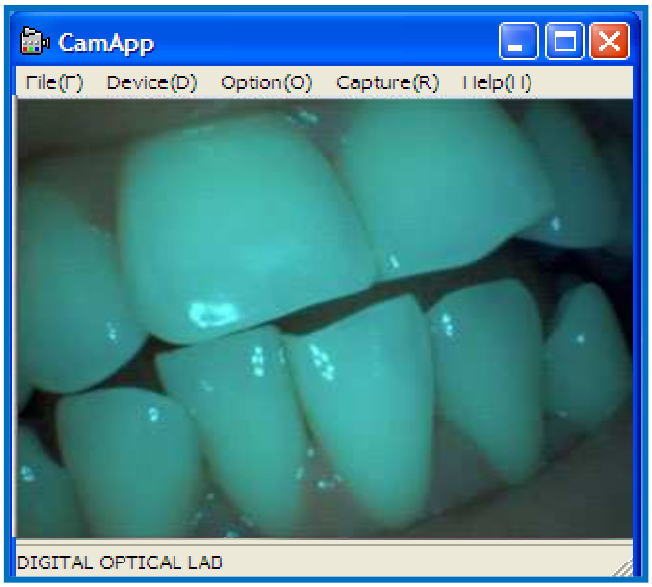
Original



Black White Filter



Sepia Filter

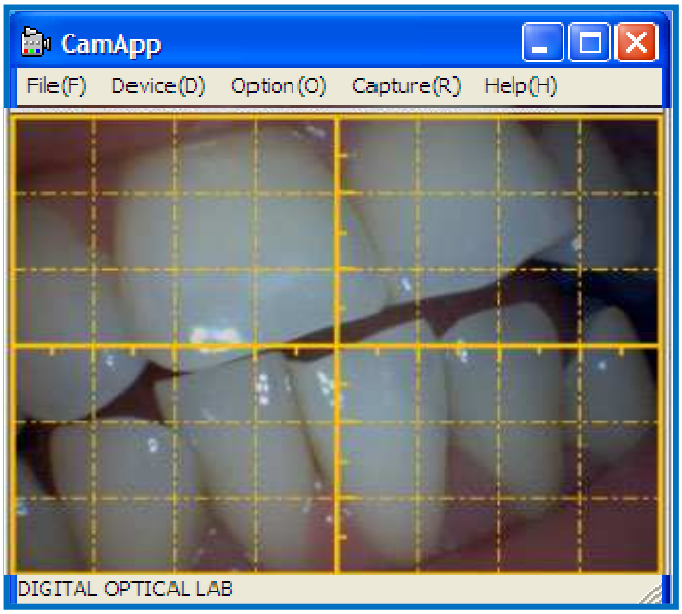


Sea blue Filter

Grass green Filter

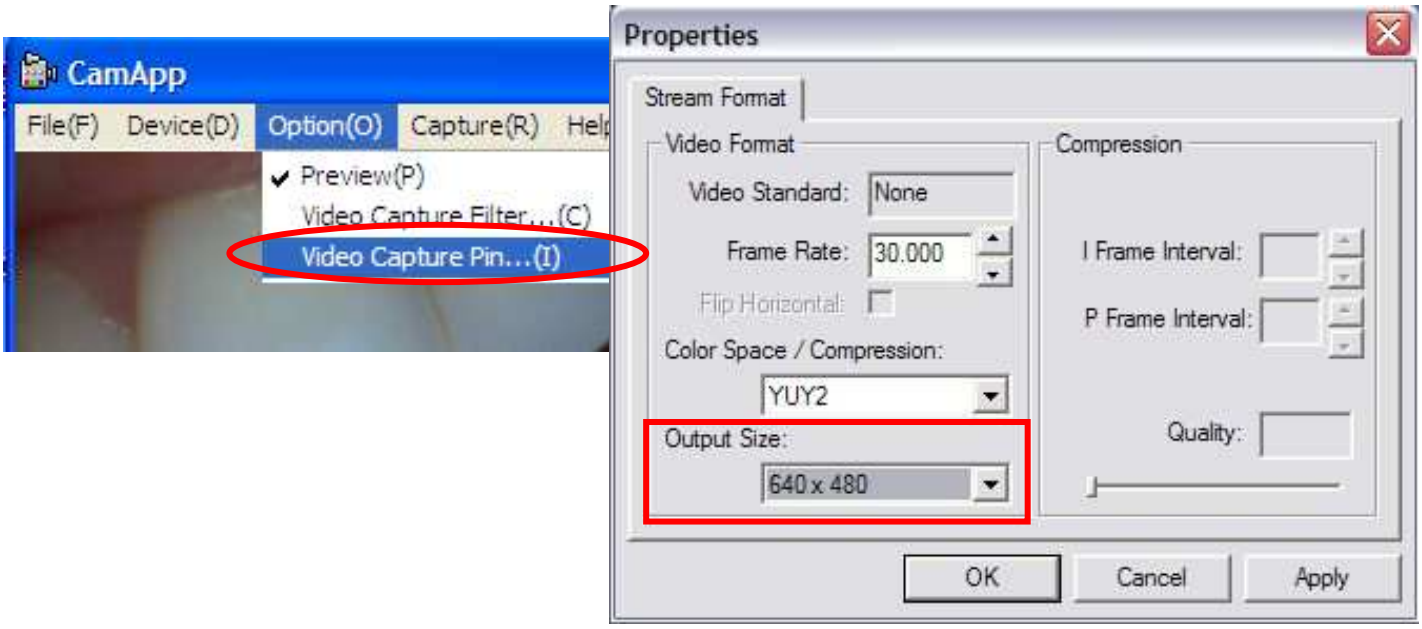
E. Click“scale”

scaler



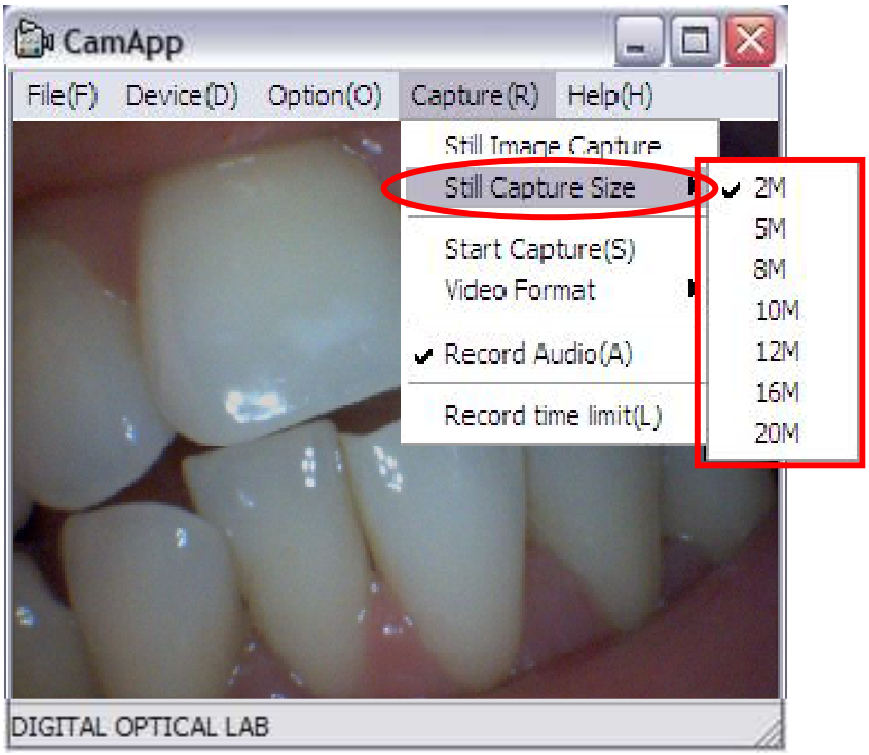
4. Image resolution

Select “Option”—>“Video Capture Filter”, The Properties showed below :



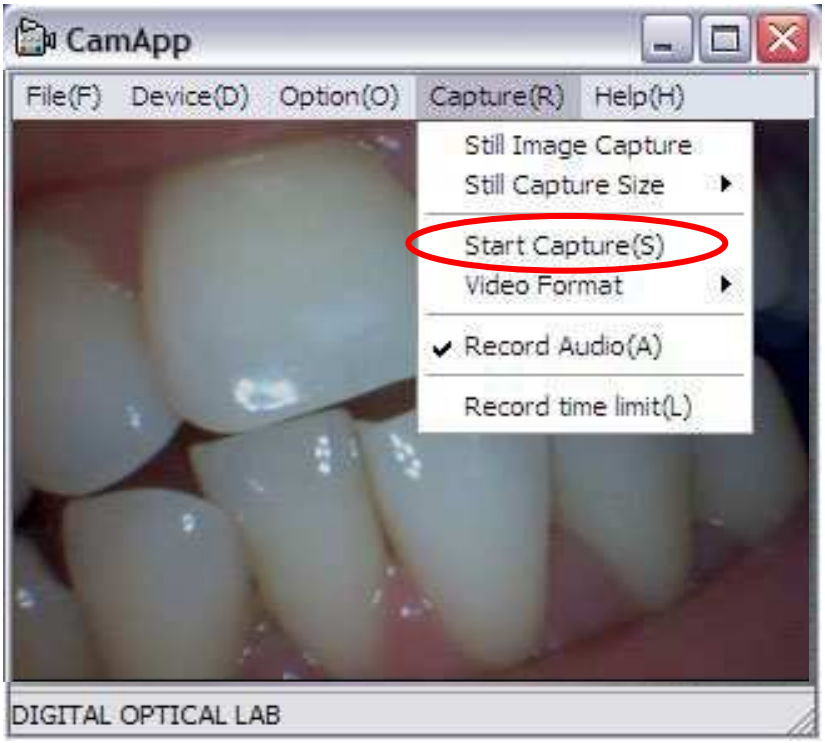
5，Out put size selection

Find“Capture”item—>“Still Capture Size”, The max resolution is 20M , by interpolation.

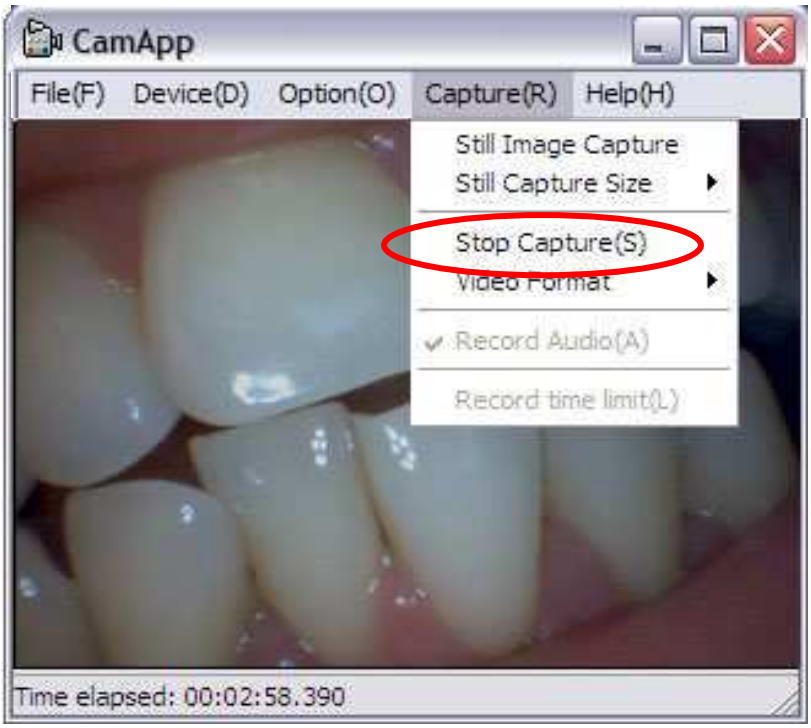


6. Video Recording

Find“Capture”item—>“Start Capture”-> Start recording

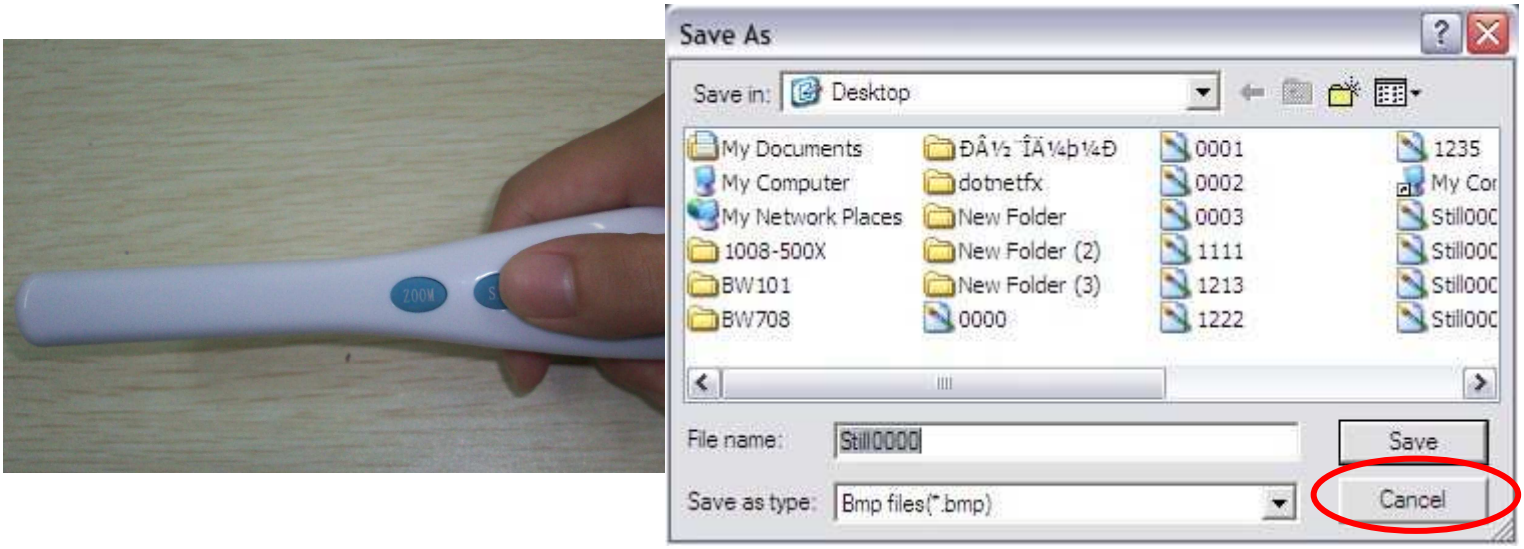


How to stop recording : Find“Capture”—>“Stop Capture”

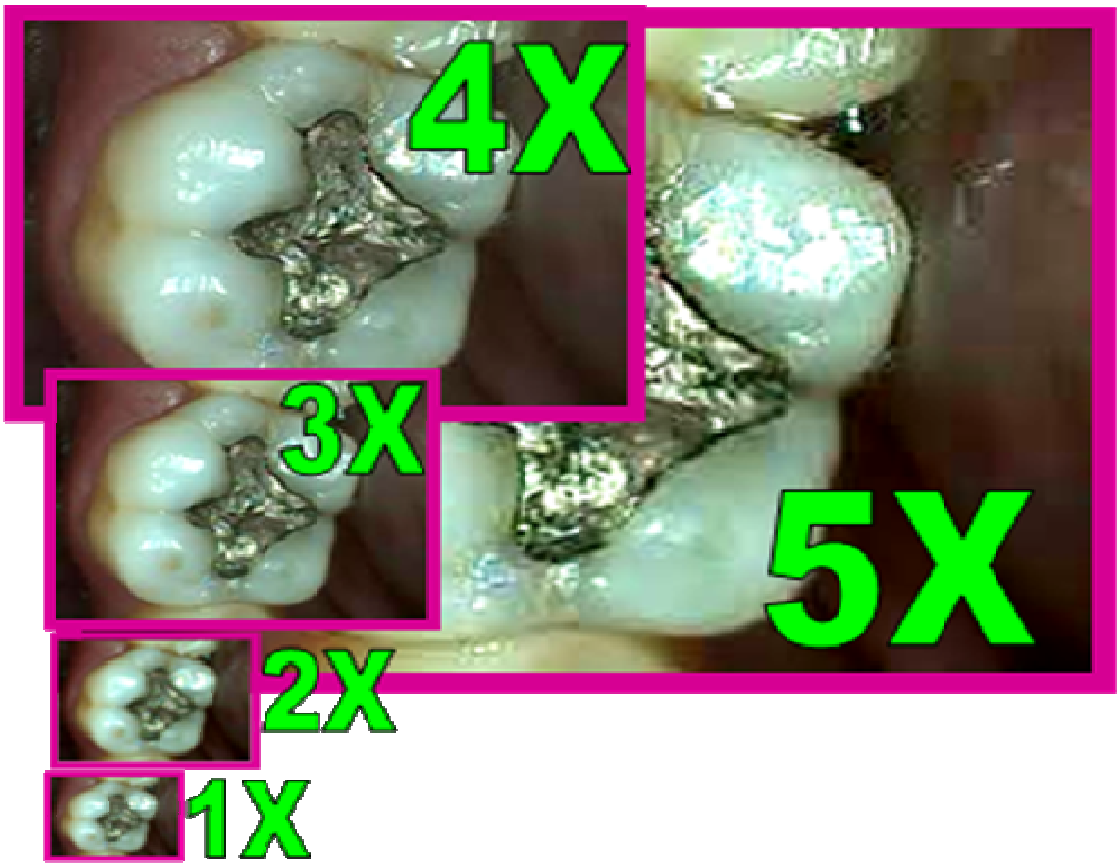


7.Sanp through Hardware

（1）Press bottom ”SNAP” to take a photo ，Computer will show a route to file this picture. Or you can assign the file route as below.



（2）We provide digital zoom function : Please press zoom by sequence to make X1 to X5 zoom effect

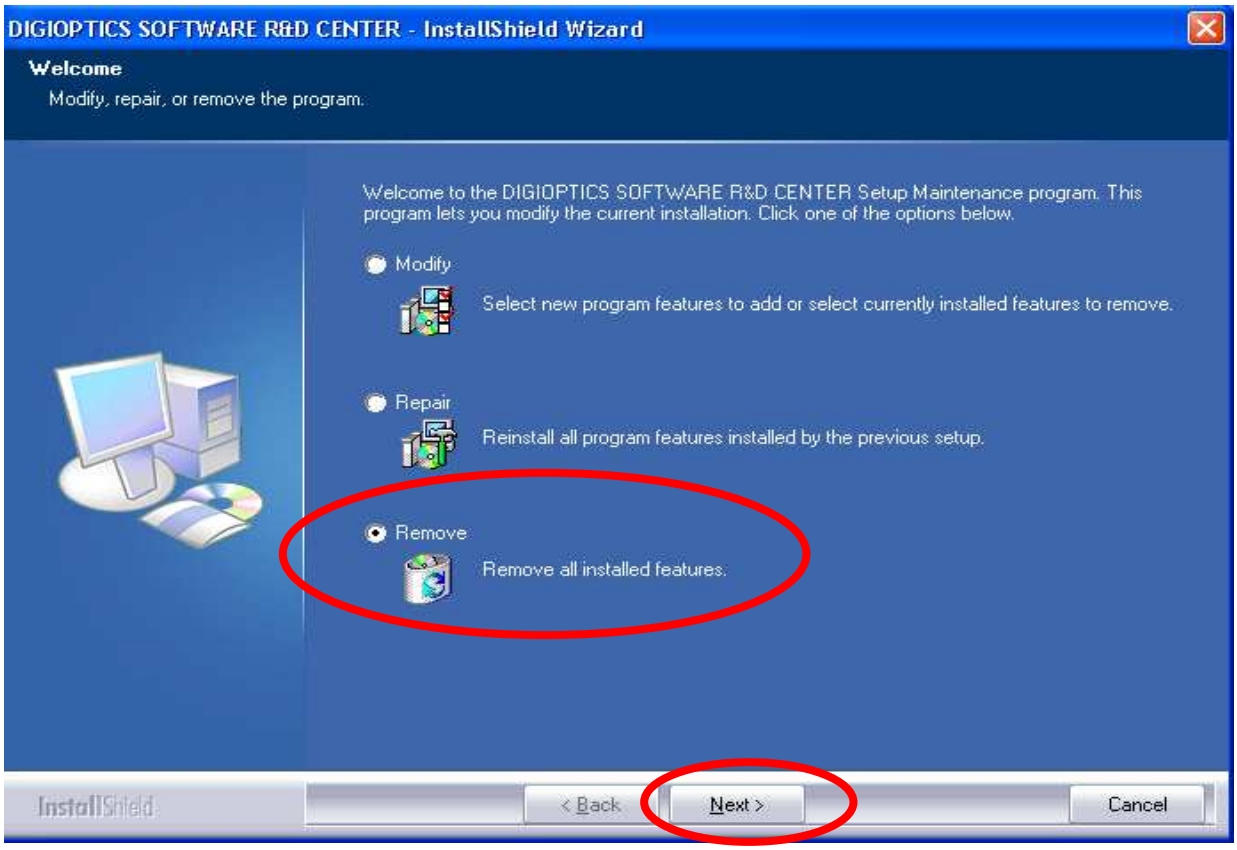


How to un-install software

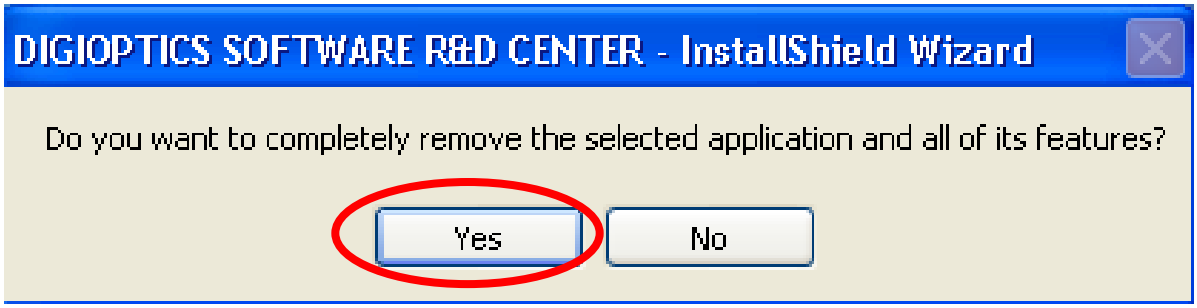
Caution : USB port has to well connected when un-installing.

1. Click “Start”—>”All Programs”—>”Micro-Measure Camera”—>“Uninstall”

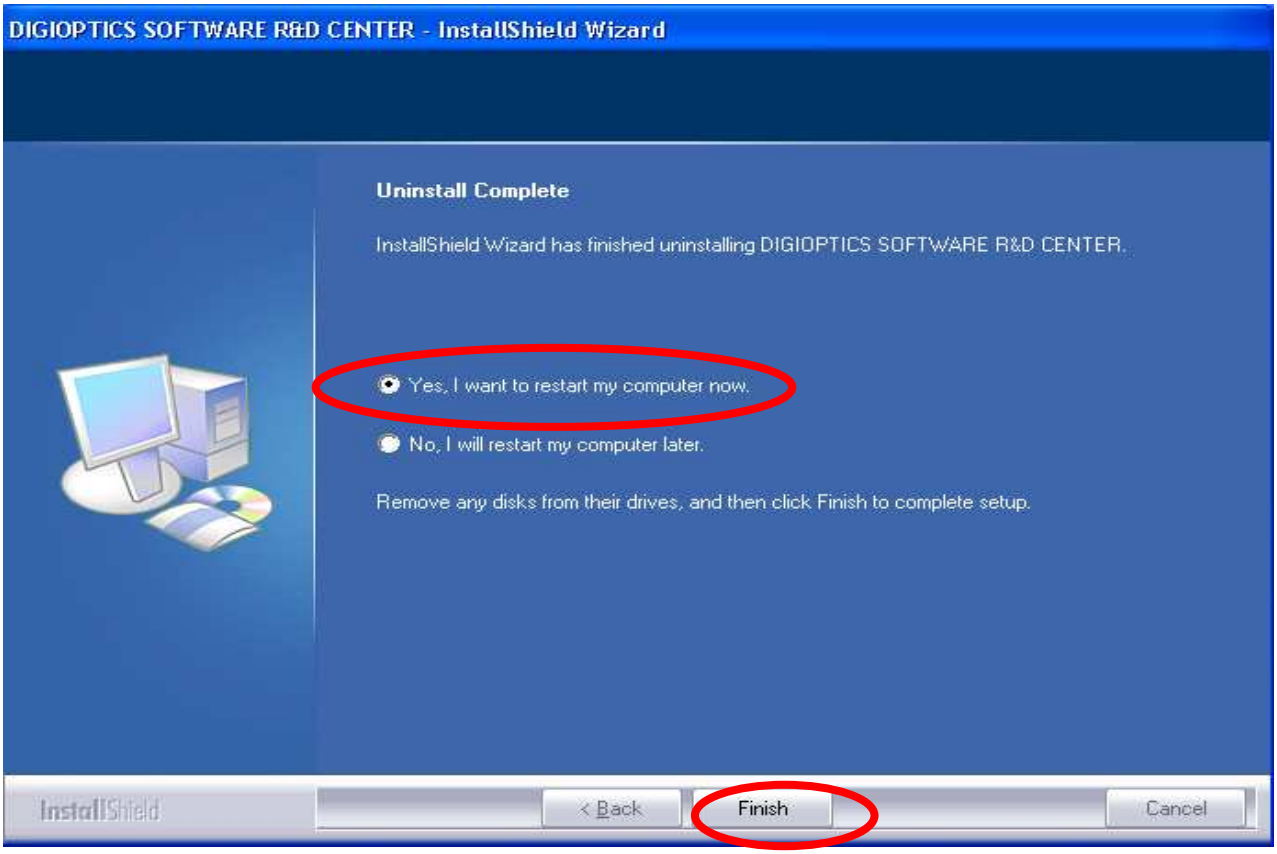
2 Start un-installation by select “Remove” and “Next” to complete un-installation.。


DIGIOPTICS SOFTWARE R&D CENTER - InstallShield Wizard
Welcome
Modify, repair, or remove the program.
Welcome to the DIGIOPTICS SOFTWARE R&D CENTER Setup Maintenance program. This program lets you modify the current installation. Click one of the options below.
Modify
Select new program features to add or select currently installed features to remove.
Repair
Reinstall all program features installed by the previous setup.
Remove
Remove all installed features.
InstallShield
< Back
Next >
Cancel

3. Computer shows“Remove all installed features？Select & Click it“.


DIGIOPTICS SOFTWARE R&D CENTER - InstallShield Wizard
Do you want to completely remove the selected application and all of its features?
Yes
No

4.Complete all un-installation ， Click “Yes” and restart PC.


DIGIOPTICS SOFTWARE R&D CENTER - InstallShield Wizard
Uninstall Complete
InstallShield Wizard has finished uninstalling DIGIOPTICS SOFTWARE R&D CENTER.
Yes, I want to restart my computer now.
No, I will restart my computer later.
Remove any disks from their drives, and then click Finish to complete setup.
InstallShield
< Back
Finish
Cancel